

Method of providing a metal pattern on glass in an electroless process.

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Abstract

Metal patterns (15) can be provided on a glass substrate (1) in an electroless process by modifying the substrate with a silane layer (3), locally removing said layer with a laser or UV-ozone treatment and selectively nucleating the remaining silane layer in a polymer-stabilized Pd sol. Neither a photoresist nor organic solvents are used. The method is very suitable for the manufacture of the black matrix on a passive plate for a LCD, or on panels of other flat colour displays, such as flat cathode ray tubes. 